



Naval Safety Center

Capt Chris Foley, USMC

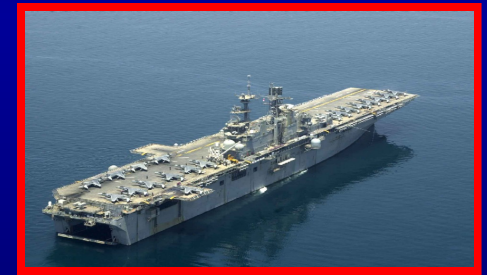
Aviation Safety Officer

**Assistant Aviation Maintenance and Material
Division**

Organization & Services



- **Organization**
- **Mission**
- **Publications**
- **Services**
- **Top Ten Survey Discrepancies**



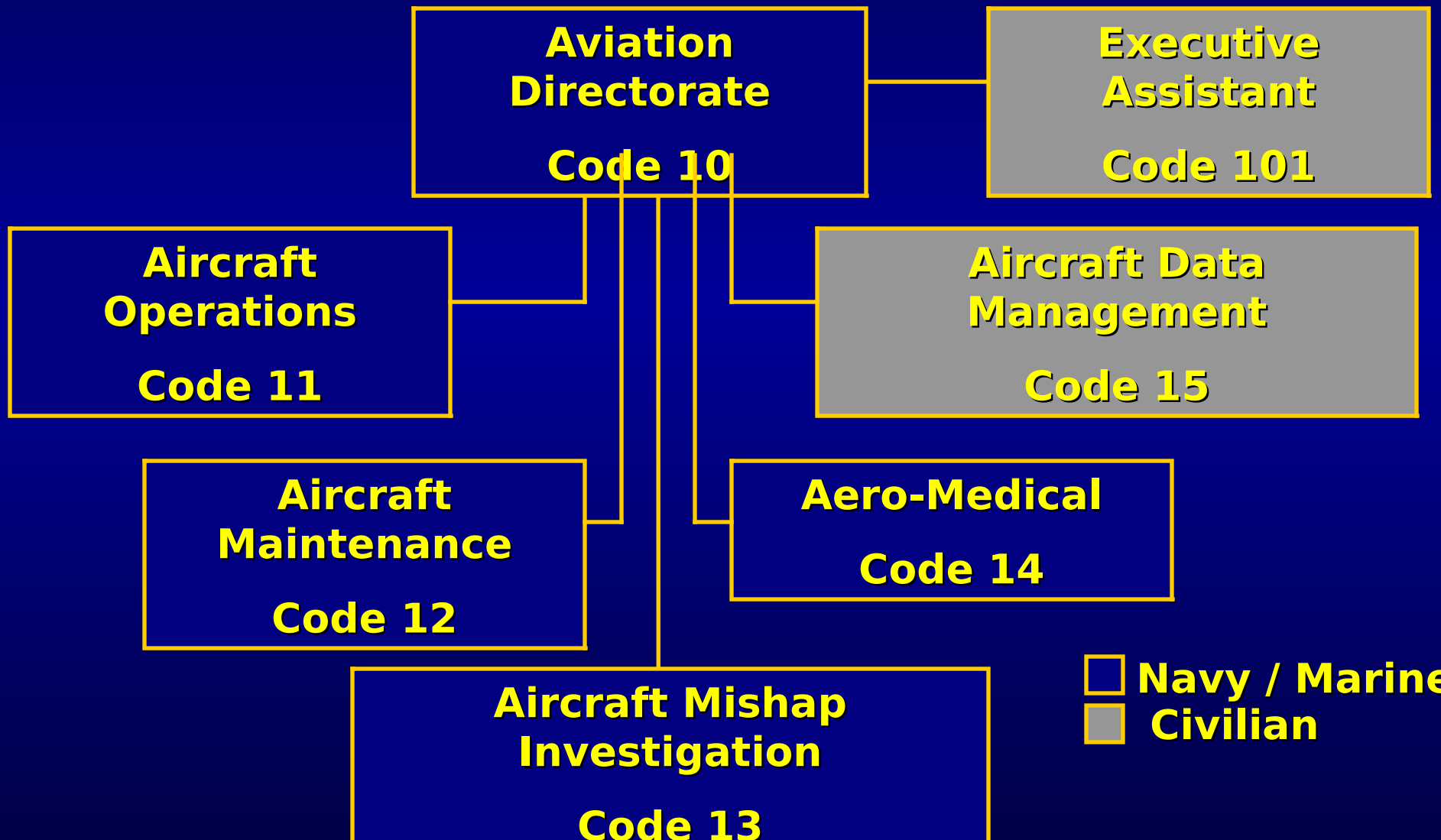
Homepage: www.safetycenter.navy.mil/

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Aviation Directorate Organization

Code 10



Mission

To promote safety **AWARENESS
and contribute to operational
readiness through fleet
interaction, support and service.**

Publications



Aircraft Operations

(Code 11)

- **Conduct Class A Mishap Analysis/Close Out**
- **Track and Analyze HAZREPs**
- **Provide Mishap Intervention Strategies**
- **Provide Data Retrieval and Analysis**

Aircraft Mishap Investigation

(Code 13)

- **Support Class “A” Flight Mishaps**
- **Provide immediate, on-scene assistance to AMB**
- **Provide conduit to necessary resources (EI, data retrieval, etc.)**

Aero-medical **(Code 14)**

- **Aeromedical Analysis & Summaries for MIRs**
- **Human Factors: Prevention of human error mishaps (aircrew and maintainers)**
- **Physiology Support**

Aviation Data **Management (Code 15)**

- **Data input and coding**
- **Refine Reporting Requirements**
- **Provide Data Retrieval Services**

Aircraft Maintenance / **Material (Code 12)**

- **Services**

- **Safety Surveys**
- **Presentations**
- **Web Based Tools**
- **Technical Support**

Code 12 Services

• Safety Surveys (In conjunction w/ OPS & Aero Med)

- **75-100 per year**
- **Voluntary “snapshot”**
- **10 surveyors (1 Off., 1 MCPO)**
- **One day event (large commands 2)**
- **CSEC based**
- **2 yr cycle recommended**
- **Results are advisory to CO**

Code 12 Services **(cont.)**



Presentation

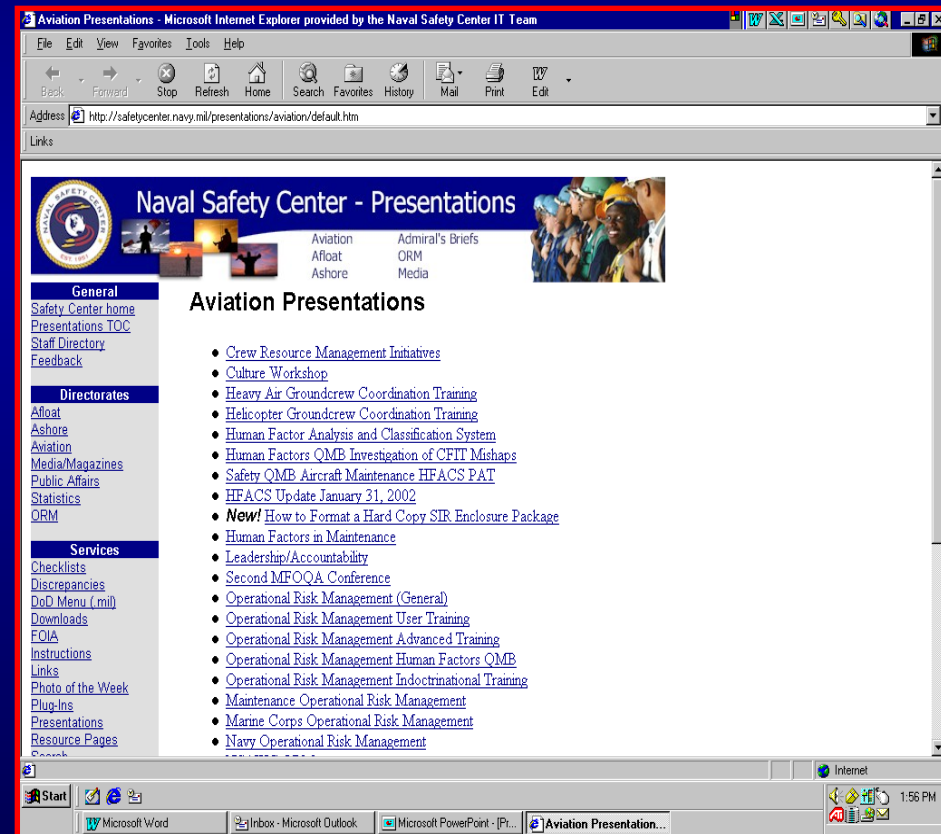


Code 12 Services

• WEB Based Tools (cont.)

<http://www.safetycenter.navy.mil/>

- FAQ
- ORM examples / guides
- Top Ten
- Monthly Maintenance Mishap Summary
- Self Assessment Tools
 - Checklists
 - Program Guides
 - Process Observation Guides



Code 12 Services

(cont.)

- **Technical Support**

- **Answer questions**

- **Phone-con**

- **Individual E-mail**

- **via WEB server at**

- aviationfeedback@safetycenter.navy.mil**

- **Program / policy clarification**

- **Platform / system statistical data**

Code 12 Services

(cont.)

- **Maintenance Safety Conference**

- **Annual event**
- **“User level” info sharing**
- **Policy / program info with safety focus**

Top Survey Discrepancies

FY 2004

Tool Control

FOD

Hydraulic Contamination

SE Pre-ops / Calibration

HAZMAT

Battery Safety

Training / Quals

Logs / Records

AVGFE

CTPL

Top Survey Discrepancies

1. Tool Control

- No daily inventories by supervisors**
- No contractor tool checks by QA**
- Multi-piece tools are not properly identified**
- Outdated / incomplete shortage lists**
- Incomplete or missing tool reports**

Top Survey Discrepancies

2. FOD

- **Poor pre-ex / parts accountability**
- **Poor housekeeping**
- **FOD in toolboxes**

Top Survey Discrepancies

3. Hydraulic Contamination

- Improper pre-operational inspections being conducted on HSU's (52 cards not annotated)
- Trend analysis logbook entries do not follow a logical sequence of sampling
- Removed hydraulic components, lines, and hoses are not protected from contamination
- Patch test kits are incomplete, not maintained, and do not have compliant

Top Survey Discrepancies

4. SE Pre-ops / Calibration

- Gear overdue or not calibrated
- Broken or illegible calibration stickers
- SE pre-ops not being preformed or logged on the 52 cards
- FOD in or on SE gear
- SE acceptance / transfer checklist not performed

Top Survey Discrepancies

5. HAZMAT

- **Flammable storage lockers missing bungs**
- **Oxidizers stored with incompatible corrosives**
- **AULS do not comply with current instructions**
- **No MSDS for materials on AUL**

Top Survey Discrepancies

6. Battery Safety

-Battery locker PPE is either missing or in poor condition. PPE not utilized during routine battery maintenance

-Activity does not have neutralizing solution of 6.0 ounces sodium bicarbonate (baking soda) to 1.0 gallon of water (Lead Acid batteries) or 1 quart of distilled white vinegar to 1 gallon (NICAD batteries) available to neutralize spilled acid

Top Survey Discrepancies

7. Training / Qualifications

- QAR cross training**
- No review of training jackets**
- Not all subjects required by NAMP covered**
- Operation of overhead cranes with no qualifications or training**
- Expired respirator physicals / fit tests**

Top Survey Discrepancies

8. Aircraft Logs / Records

- Monthly Flight Hour Summary and Equipment Operating Record calculations incorrect**
- High-time component tracking / SRC card does not match NALCOMIS information**
- Lists 02 and 04s not being verified with NALDA**
- List 02 not annotated when new TD is received**

Top Survey Discrepancies

9. AVGFE

- **Entry certificates are invalid and incorrect**
- **Lack of a rescue plan and / or simulated rescue drill or documentation that training was conducted**
- **Hangar facility not certified for fuel cell work**
- **AVGFE's certifications lack a date of designation by the CO at the time of**

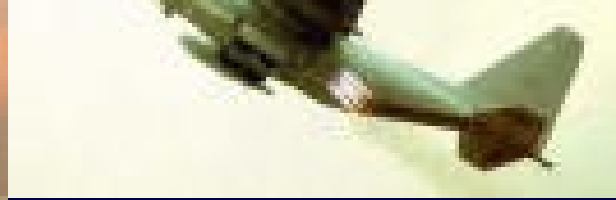
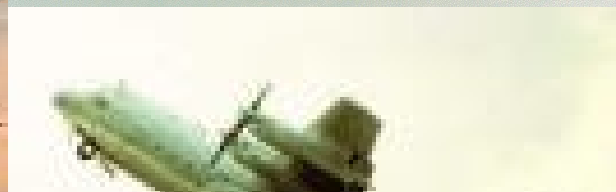
Top Survey Discrepancies

10. CTPL

- IRACs not incorporated correctly (page affected by the IRAC does not refer to IRAC)**
- CTPL personnel are not receiving the required training**

Questions

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Thanks for your attention and Think Safety.

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